



Information Disclosure Statement List

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Application Number 10/781,142

Filing Date February 19, 2004

First Named Inventor Kyrkanides

Group Art Unit 1632

Examiner Name JOANNE HAMA

(Use as many sheets as necessary) JOANNE HAMA U.S. PATENT DOCUMENTS . . ... Examiner's Document No. Cite Date Name Class Subclass Filing Date (if appropriate Initials No. 5.217.865 10/31/88 Myerowitz 9<sub>11</sub> **A1 A2** 6,258,556 07/10/01 Uhl et al. **A3** 6,103,492 08/15/00 Yu **A4** 2002/0147170 10/10/02 Kopin et al. A5 2002/0068354 06/06/02 Johnston et al. FOREIGN PATENT DOCUMENTS Examiner's Cite Foreign Patent Document Name Translation Initials Country Code-Number-Kind Code No. Yes/No 974 A6 WO 2004/073646 9/06/04 **Kvrkanides** NON-PATENT DOCUMENTIS PROCESS OF THE PARTY O Examiner's Cite Non-Patent Citations (include Author, Title, Publisher, Relevant Pages, Date and Place of Publication) Initials No. A7 Adamo et al. (2001) Connexin 43 expression in oral derived human osteoblasts after transforming growth factor-beta and PGE2 exposure. J Oral Implantol 27: 25-31. **8A** Akima et al., A study on the microvasculature of the cerebellar cortex. The fundamental architecture and its senile change in the cerebellar hemisphere, Acta Neuropathol. 75 (1987) Akli et al. (1996) Restoration of hexosaminidase A activity in human Tay-Sachs fibriblasts via A9 adenoviral vector mediated gene transfer. Gene Therapy 3: 769-774. A10 Alisky et al. Transduction of murine cerebellar neurons with recombinant FIV and AAV5 vectors, Mol. Neurosci. 11 (2000) 2669-2673. Asipu MA. et al., The specificity of the myelin basic protein gene promoter studied in transgenic A11

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## Complete if Known **Application Number** 10/781,142 February 19, 2004 Filing Date Information Disclosure First Named Inventor **Kvrkanides** Statement List **Group Art Unit** 1632 (Use as many sheets as necessary) **Examiner Name** JOANNE HAMA Beutler, "Advances in Genetics, Chp 9: Subunit Sturcture of Hexaminidase Isoenzymes:" 2001 971 vol.44 pgs. 93-100 Birkenmeier et al. Increased life span and correction of metabolic defects in murine A20 mucopolysaccharidosis type VII after syngeneic bone marrow transplantation. Blood 78 (1991) A21 Blömer et al. Highly efficient and sustained gene transfer in adult neurons with a lentivirus vector, J. Virology 71 (1997) 6641-6649. A22 Bowers et al. (2000). Discordance between expression and genome transfer titering of HSV amplicon vectors: recommendation for standardized enumeration. Mol Ther 1:294-9. A23 Bradl, M., A. Flugel, The role of T cells in brain pathology, Curr. Topics Microbiol. Immunol. 265 (2002) 141-162. Bragg, et al. Choroid plexus macrophages proliferate and release toxic factors in response to A24 feline immunodeficiency virus, J. Neurovirol. 8 (2002) 225-239. Brooks et al. (2002), Functional correction of established central nervous system deficits in an A25 animal model of lysosomal storage disease with feline immunodeficiency virus-based vectors. Proc Natl Acad Sci USA 99: 6216-6221. A26 Brooks et al. (1997). Nerve growth factor somatic mosaicism produced by herpes virus-directed expression of cre recombinase. Nat Biothech 15: 57-62. Brooks et al. Enzyme replacement treatment for Tay-Sachs disease brain cells in culture A27 utilizing concanavalin A-mediated hexosaminidase A uptake: biochemical and morphological evidence of GM2 mobilization, Acta Neuropath. 50 (1980) 9-17. A28 Brouxhon et al. (1998) Localization of corticotropin-releasing factor in primary and secondary lymphoid organs of the rat. Brain Behav Immun 12: 107-122. A29 Burns et al. (1993) Vescicular stomatitis virus G-glycoprotein pseudotyped retroviral vectors: Concentration to very high titer and efficient gene transfer into mammalian and nonmammalian cells. Proc Natl Acad Scie USA 90: 8033-8037. A30 Burstein et al. (1987). Abnormalities of cellular immunity and natural killer cells in Gaucher's disease. J Clin Lab Immunol 23: 149-151. Byrd et al. (2000) Increased in vivo levels of neurotransmitters to trigeminal motoneurons: A31 effects on craniofacial bone and TMJ. Anat Record 258: 369-383. A32 Cannon PM, Anderson WF (2000) Retroviral vectors for gene therapy. In Gene Therapy: therapeutic mechanisms and strategies. NS Templeton and DD Lasic, Editors. Marcel Dekker Inc, New York, pp 1-16. Capecchi et al "Targeted Gene Replacement:" 270(3):34-41 Scientific Amerian (1994) A33 A34 Carneiro et al. Membrane recognition by vesicular stomatitis virus involves enthalpy-driven protein-lipid interactions, J. Virol. 76 (2002) 3756-3764. Chavany C, Jendoubi M (1998) Biology and potential strategies for the treatment of GM<sub>2</sub> A35 gangliosidoses. Mol Med Today 4: 158-65. Cinato et al. (2001). Cre-mediated transgene activation in the developing and adult mouse A36 brain. Genesis: the Journal of Genetics & Development. 31(3):118-25, 2001 A37 Cohen MM Jr. Kreiborg S. The central nervous system in the Apert syndrome. Am J Med Genet 35: 36-45. (1990)

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## Complete if Known **Application Number** 10/781,142 Information Disclosure Filing Date February 19, 2004 First Named Inventor **Kyrkanides** Statement List **Group Art Unit** 1632 (Use as many sheets as necessary) **Examiner Name** JOANNE HAMA Tian et al. Dystroglycan in the cerebellum is a laminin alpha 2-chain binding protein at the glial-A160 971 vascular interface and is expressed in Purkinje cells, Eur. J. Neurosci, 8 (1997) 2739-2747 A161 Utsumi et al. (2002) Western blotting analysis of the beta-hexosaminidase alpha- and betasubunits in cultured fibroblasts from cases of various forms of GM2 gangliosidosis. Acta Neurol Scand 105:427-30. A162 Vanden-Berghe, D.A., Comparison of various density-gradient media for the isolation and characterisation of animal viruses. In D. Rickwood (Ed.), Iodinated density gradient media-a practical approach, Oxford University Press, Oxford, UK, 1983, pp. 175-193. von Specht et al. B (1979) Enzyme replacement therapy for Tay-Sachs disease. Neurol 29: A163 848-854. Wada et al. (2000) Microglial activation precedes acute neurodegeneration in Sandhoff disease A164 and is suppressed by bone marrow transplatation. Proc. Natl. Acad. Sci. U.S.A. 97; 10954-9. A165 Wada et al. Mn-SOD and Bel-2 expression after repeated hyperbaric oxygenation, 76:285-90 A166 Walkley et al. (1991). Neuroaxonal dystrophy in neuronal storage disorders: evidence for major GABAergic neuron involvement. J Neurol Sci 104:1-8. A167 Walkley et al. Bone marrow transplantation corrects the enzyme defect in neurons of the central nervous system in a lysosomal storage disease, Proc. Natl. Acad. Sci. U.S.A. 91 (1994) 2970-2974. A168 Walkley SU (1998) Cellular pathology of lysosomal storage disorders. Brain Path 8:175-193. A169 Walkley SU., Pathobiology of neuronal storage disease, Int Rev Neurobiol. 1988; 29:191-244. A170 Walkley, S.U., K. Dobrenis, Bone marrow transplantation for lysosomal diseases, Lancet 345 (1995) 1382-1383. A171 Weimann et al., Contribution of transplanted bone marrow cells to Purkinje neurons in human adult brain, Proc. Natl. Acad. Sci. U.S.A. 100 (2003) 2088-2093. A172 Westerman KA, Leboulch P. Reversible immortalization of mammalian cells mediated by retroviral transfer and site-specific recombination. Proc. Natl. Acad. Sci. USA 93: 8971-8976, 1996. Wolff JA, Harding CO (2000) Principles of gene therapy for inborn errors of metabolism. In A173 Gene Therapy: therapeutic mechanisms and strategies. NS Templeton and DD Lasic, Editors. Marcel Dekker Inc, New York, pp 507-533. A174 Wood et al. (1989, Nucleic Acid Research, 17:2368) A175 Xu et al. "Adeno-associated viral transfer of opiod receptor gene to primary sensory neurons: a strategy to increase opiod antinociception" Proc. Natl. Acad. Sci. May 2003 100(10)6204-6209 A176 Xu et al. "Adeno-associated virus mediated gene expression in dorsal root ganglia following remote vector delivery." Society for Neuroscience Abstracts 2001, 27(2):1607 Xu et al. "Efficiencies of tragens expression in nococeptive neurons through different routes of A177 delivery of adeno-associated viral vectors: Human Gene Therapy June 2003 14(9):897-906 A178 Xu et al. "Enhanced expression of mu-opoiod receptors in sensory neurons using adenoassociate viral vectors" Society for Neuroscience Abstracts 2000, 26(1-2):1662, Abstract 608.7 Yamanaka et al. Targeted disruption of the Hexa gene results in mice with biochemical and A179 pathologic features of Tay-Sachs disease. 91(21):9975-9 (1994)

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		First Named Inventor	Kyrkanides	
		nany sheets as necessary)	Group Art Unit	1632
	(030 831	many sheets as necessary,	Examiner Name	JOANNE HAMA
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